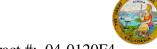
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 1.28

WELDING INSPECTION REPORT

Resident Engineer: Casey, William **Report No:** WIR-029498 Address: 333 Burma Road **Date Inspected:** 25-Apr-2013

City: Oakland, CA 94607

OSM Arrival Time: 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1730 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: American Bridge/Fluor Enterprises, a JV **Location:** Job Site

CWI Name: CWI Present: Yes No As noted below **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No **Weld Procedures Followed:** Yes No N/A **Qualified Welders:** Yes No N/A **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No N/A **Delayed / Cancelled:**

34-0006 **Bridge No: Component:** SAS OBG/Tower

Summary of Items Observed:

Quality Assurance Inspector (QA) Douglas Frey was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

This QA observed the following welders working on the OBG at the following locations:

This QA Inspector randomly observed ABF welder Lin E Yun #9344 perform the Shielded Metal Arc Welding (SMAW) process on the Dehumidification access door hinges located at 13E PP12-E2.8. The welder was observed utilizing WPS ABF-D1.5-F1200A for SMAW. The welder was observed preheating the surface area prior to welding and other welding parameters as inspected by the QC Inspector were recorded as 136 amperes and appeared to be in compliance with the WPS noted above. The QA Inspector made subsequent observations throughout the shift to monitor quality and noted that the work was completed on this date and appeared to be in general conformance with the contract documents.

FW Spencer welder Rick Kiikvee #5319 was observed performing SMAW welding on 2.5" domestic water outlet to schedule 40 pipe. The welder was observed utilizing WPS-1-12-1. This QA Inspector observed the welder preheat the welds prior to welding. Other welding parameters as inspected by the QC Inspector appeared to be in compliance with the WPS noted above. This QA Inspector made random observations throughout the shift and noted that the work was completed on this date and appeared to be in general conformance with the contract documents. Completed work on this date includes; 2/2.5/PFP/BE.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Summary of Conversations:

Conversations on this date were relevant to work performed.





Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas 916-764-6027, who represents the Office of Structural Materials for your project.

Inspected By:	Frey,Doug	Quality Assurance Inspector
Reviewed By:	Reyes, Danny	QA Reviewer